

APPLICANT: Caffrey, Robert
 TITLE OF INVENTION: COMPOSITIONS AND METHODS OF DIAGNOSING, MONITORING,
 TITLE OF INVENTION: STAGING, IMAGING AND TREATING MAMMARY GLAND CANCER
 FILE NUMBER: DE0-0199
 CURRENT FILING DATE: 2001-03-26
 PRIORITY FILING DATE: 2000-03-27
 NUMBER OF SEQ ID NOS: 35
 SOFTWARE: Patentin Ver. 2.1
 SEQ ID NO: 17
 LENGTH: 391
 TYPE: DNA
 ORGANISM: Homo sapiens
 -09-817-318-17
 Query Match 29.4%; Score 339.6; DB 9; Length 391;
 Best Local Similarity 93.6%; Pred. No. 4.5e-103;
 Matches 382; Conservative 0; Mismatches 9; Indels 17; Gaps 2;
 Matches 382; Conservative 0; Mismatches 9; Indels 17; Gaps 2;
 747 GACCGAGCTGTGTCATTCACAGGGTGTGAAGAGAGAAATGGCGCTGACTAC 805
 1 GACCAACTGTGTCATTCACAGGGTGTGAAGAGAGAAATGGCGCTGACTAC 60
 807 AGCATGAGAAGCCATCAGTTGACAAACAGCTGGTGAGACAGGAAAGGCCTCCAGA 866
 61 AGCATGAGAAGCCATCAGTTGACAAACAGCTGGTGAGACAGGAAAGGCCTCCAGA 120
 867 GAAAGGCCCGAAAGSCAGTCAGTAGACAAAGAGCTGGTGAGACAGGAAAGGCCTCCAGA 926
 121 GAAAGGCCCGAAAGSCAGTCAGTAGACAAACAGCTGGTGAGACAGGAAAGGCCTCCAGA 180
 927 GGATGGGAAATTAATCTTCCAGAAAGTTGCAAACTTCGTTCAAACCGAGCTGGTGCACTG 986
 181 -GATGGAATATTAATCTTCCAGAAAGTTGCAAACTTCGTTCAAACCGAGCTGGTGCACTG 239
 987 GAAATAAGCAGGATTGCGCGTTCGGGTTCCCGCCGGCTGSGCTCG 1046
 240 GAAATAAGCAGGATTGCGCGTTCGGGTTCCCGCCGGCTGSGCTCG 283
 1047 TGGCAAGAGATGTAATTTCAGAAGCTCAGAAATTAAACCCAGAGAGATCCCTGACT 1106
 284 TGGCAAGAGATGTAATTTCAGAAGCTCAGAAATTAAACCCAGAGAGATCCCTGACT 343
 1107 CATCTCTCTCCCTCCCAAGCCTCCACAGAACCTACACAAAGCTT 1154
 344 CACTCTCTCCCTCCCAAGCCTCCACAGAACCTACACAAAGCTT 391
 RESULT 4
 -10-029-386-7436/C
 Sequence 7436, Application US/10029386
 Publication No. US20030194704A1
 GENERAL INFORMATION:
 APPLICANT: Penn, Sharron G.
 APPLICANT: Rank, David R.
 APPLICANT: Hanzel, David K.
 TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR FILE REFERENCE: AEGOMCA-X-2
 CURRENT APPLICATION NUMBER: US/10/029,386
 CURRENT FILING DATE: 2001-12-20
 NUMBER OF SEQ ID NOS: 34288
 SOFTWARE: Amnonax Sequence Listing Engine vers. 1.1
 SEQ ID NO: 7436
 LENGTH: 517
 TYPE: DNA
 ORGANISM: Homo sapiens
 FEATURE:
 OTHER INFORMATION: MAP TO CHR18.3
 OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.5
 OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.7

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; OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 5.7
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 10
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL =
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 5.7
; OTHER INFORMATION: EST_HUMAN HIT: AA14691.1, EVALUE 7.20e-01
; US-10-023-386-7436

Query Match
Best Local Similarity 4.1%; Score 47; DB 12; Length 517;
Matches 98; Conservative 53.6%; Pred. No. 0.0014; Indels 0; Gaps 0;
QY 239 TACTAAGCATTTAACCTCTGTGGGACAGATGGGAAATAACCTGCTGTGACCT 298
Db 288 TAGCAAAACAAACAAACAAACTCTGTGGAAAGAGGGAAAAAAACCTCTGTGATTAACAT 229
QY 299 TGGGATTATAGAGAACTCCCTGGTCACATTTAAAGGAGGAACTCTGGCTTAACAT 353
Db 228 ACACTCTTAACTCCATCATTCCTCCAAACAGCAGGAGCAGGAAATCACAGCGAA 169
QY 359 TTCTTAACTAAGCAAAAGAGCTGTGATGTTGGACACACCTCTCCAAATGCA 413
Db 168 TTACCGCAGATGACAAACAGCTGTAACTGGCTAAACAAACTGGAGTAACCAAAATCTAA 109
QY 419 GCC 421
Db 108 GAC 106

RESULT 5
US-10-140-472-344/C
; Sequence 344, Application US/10140472
; Publication No. US2005013888A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Bersini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sheppard, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tuman, Daniel
; APPLICANT: Watnabe, Colin K.
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330RIC168
; CURRENT APPLICATION NUMBER: US/10/140,472
; CURRENT FILING DATE: 2002-05-06
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO: 344
; LENGTH: 607
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-140-472-344

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RESULT 2

US-10-001-843-20

; Sequence 20, Application US/10001843

; Publication No. US2002012255A1

; GENERAL INFORMATION:

; APPLICANT: Salceda, Susana

; APPLICANT: Macina, Roberto

; APPLICANT: Recipon, Herve

; APPLICANT: Cafferkey, Robert

; APPLICANT: Sun, Yongming

; APPLICANT: Liu, Chenghua

; APPLICANT: Turner, Leah

; TITLE OF INVENTION: Compositions and Methods Relating to Breast Specific Genes and Pr

; FILE REFERENCE: DEX-0267

; CURRENT APPLICATION NUMBER: US/10/001,843

; CURRENT FILING DATE: 2001-11-20

; PRIORITY APPLICATION NUMBER: 60/249,992

; PRIORITY FILING DATE: 2000-11-20

; NUMBER OF SEQ ID NOS: 218

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 20

; LENGTH: 1154

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-817-318-17

Query Match 83.6%; Score 341.2; DB 9; Length 391;

Best Local Similarity 93.9%; Pred. No. 2.3e-108;

Matches 383; Conservative 0; Mismatches 8; Indels 17; Gaps 2;

QY 1 GACCAACTGTGCTCCATCTCCAGAGGTGTGAGAGAATGGCCGCTGCCTAC 60

Db 1 GACCAACTGTGCTCCATCTCCAGAGGTGTGAGAGAATGGCCGCTGCCTAC 60

QY 61 AGCATGAGGAGCATGAGTACAGAGAATGGCCGCTGCCTAC 60

Db 61 AGCATGAGGAGCATGAGTACAGAGAATGGCCGCTGCCTAC 60

QY 121 GAAAGCCAGGAGGAGTGAATGGCTTCAGAGGATGGCTGAA 180

Db 121 GAAAGCCAGGAGGAGTGAATGGCTTCAGAGGATGGCTGAA 180

QY 181 GAAATAGCAACCATGCGCTTCCGGNTTCCCCGGCTGGCTG 300

Db 181 -GATGGAATTAATCTTCCAGAAGTTCGAAACTTCTCTTGTGACGTT 239

QY 241 GAAATAGCAACCATGCGCTTCCGGNTTCCCCGGCTGGCTG 300

Db 241 GAAATAGCAACCATGCGCTTCCGGNTTCCCCGGCTGGCTG 283

QY 301 TGCACAGATTTAATTCAGAAGTTCAGAAACTTCTCTTGTGACGTT 360

Db 301 TGCACAGATTTAATTCAGAAGTTCAGAAACTTCTCTTGTGACGTT 360

QY 361 CATCTCTCTCCAGCTCCAGAAGTTCAGAAACTTCTCTTGTGACGTT 343

Db 361 CATCTCTCTCCAGCTCCAGAAGTTCAGAAACTTCTCTTGTGACGTT 343

QY 408 CATCTCTCTCCAGCTCCAGAAGTTCAGAAACTTCTCTTGTGACGTT 1154

Db 408 CATCTCTCTCCAGCTCCAGAAGTTCAGAAACTTCTCTTGTGACGTT 1154

RESULT 3

US-09-817-318-17

; Sequence 17, Application US/09817318

; Patent No. US200203720A1

; GENERAL INFORMATION:

; APPLICANT: Salceda, Susana

; APPLICANT: Hu, Ping

; APPLICANT: Recipon, Herve

; APPLICANT: Cafferkey, Robert

; TITLE OF INVENTION: COMPOSITIONS AND METHODS OF DIAGNOSING, MONITORING, STAGING, IMAGING AND TREATING MAMMARY GLAND CANCER

; FILE REFERENCE: DEX-0199

; CURRENT APPLICATION NUMBER: US/9-817,318

; CURRENT FILING DATE: 2001-03-25

; PRIORITY APPLICATION NUMBER: 60/192,277

; PRIORITY FILING DATE: 2000-03-27

; NUMBER OF SEQ ID NOS: 35

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 17

; LENGTH: 391

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-817-318-17

Query Match 83.6%; Score 341.2; DB 9; Length 391;

Best Local Similarity 93.9%; Pred. No. 2.3e-108;

Matches 383; Conservative 0; Mismatches 8; Indels 17; Gaps 2;

QY 1 GACCAACTGTGCTCCATCTCCAGAGGTGTGAGAGAATGGCCGCTGCCTAC 60

Db 1 GACCAACTGTGCTCCATCTCCAGAGGTGTGAGAGAATGGCCGCTGCCTAC 60

QY 61 AGCATGAGGAGCATGAGTACAGAGAATGGCCGCTGCCTAC 60

Db 61 AGCATGAGGAGCATGAGTACAGAGAATGGCCGCTGCCTAC 60

QY 121 GAAAGCCAGGAGGAGTGAATGGCTTCAGAGGATGGCTGAA 180

Db 121 GAAAGCCAGGAGGAGTGAATGGCTTCAGAGGATGGCTGAA 180

QY 181 GAAATAGCAACCATGCGCTTCCGGNTTCCCCGGCTGGCTG 240

Db 181 -GATGGAATTAATCTTCCAGAAGTTCGAAACTTCTCTTGTGACGTT 239

QY 241 GAAATAGCAACCATGCGCTTCCGGNTTCCCCGGCTGGCTG 300

Db 241 GAAATAGCAACCATGCGCTTCCGGNTTCCCCGGCTGGCTG 283

QY 301 TGCACAGATTTAATTCAGAAGTTCAGAAACTTCTCTTGTGACGTT 360

Db 301 TGCACAGATTTAATTCAGAAGTTCAGAAACTTCTCTTGTGACGTT 360

QY 361 CATCTCTCTCCAGCTCCAGAAGTTCAGAAACTTCTCTTGTGACGTT 408

Db 361 CATCTCTCTCCAGCTCCAGAAGTTCAGAAACTTCTCTTGTGACGTT 391

QY 408 CATCTCTCTCCAGCTCCAGAAGTTCAGAAACTTCTCTTGTGACGTT 391

Db 408 CATCTCTCTCCAGCTCCAGAAGTTCAGAAACTTCTCTTGTGACGTT 391

RESULT 4

US-09-918-995-33895